Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 22 Aug 2023 until 23:59 on Wednesday 23 Aug 2023

Forecast Issued on Monday 21 Aug 2023 at 11:49

Confidence: High confidence for a few days of warm and largely settled weather. Moderate confidence for shower and cloud distribution. Low confidence Thursday.

Headline for Tuesday 22 Aug 2023: Soon clouding over with patchy rain. Brighter afternoon but with some showers. Blustery.

Mountain weather hazards on Tuesday 22 Aug 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Light rain	Light rain showers	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability							
10%	<05%	20%	40%	30%	10%	<05%	<05%

Forecast for Tuesday 22 Aug 2023

Weather: Rather cloudy during the morning as a fragmenting rain band pushes southeast across the Peaks, with some outbreaks of light, showery, rain. Cloud will break up during the afternoon to give some sunny spells and a few well-scattered showers. Dry with some clear spells during the evening. Cloud thickening from the west towards midnight.

Chance of cloud-free hill tops above 600m: 70% initially rising to 90% by the afternoon. 40% in the west at first.

Low cloud and visibility: Patchy low cloud is expected to shroud higher bases across the western Peaks first thing, with bases around 400m. Bases perhaps more widely around 600-700m on passage of the rain band mid-morning. Bases are then expected to remain above summits throughout the afternoon, even in the vicinity of showers. Visibility good or very good outside of cloud and any showers or rain. Moderate in showery rain and isolated afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Tuesday 22 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 SW	21/29 SW	21/29 SW	21/29 SW	21/30 W	18/26 W	13/19 W	10/16 SW	10/14 SW
300	14/22 SW	15/24 SW	16/24 SW	16/25 SW	18/27 W	15/23 W	9/15 W	7/11 SW	6/9 S
Valley	9/21 SW	9/22 SW	9/21 SW	10/22 SW	13/26 W	12/22 W	7/16 W	5/12 SW	4/10 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/9	12/8	12/8	12/9	14/10	15/11	14/12	12/10	11/10
300	15/13	14/11	14/11	15/12	17/14	18/15	17/15	15/14	13/13
Valley	15/14	14/13	14/13	15/14	18/15	18/16	17/16	15/15	14/14
Freezing Level*	2500m	2200m	2500m	2600m	2500m	2500m	2500m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Elevated UV levels in bright or sunny spells. Windy conditions will make for fairly arduous walking at times, especially on exposed edges and ridges with gusts of 30-40mph expected to persist for much of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 20 Aug 2023	0.2mm	5.8mm	6mm

Forecast for Wednesday 23 Aug 2023

Weather: A cloudy morning with some outbreaks of patchy light rain or drizzle where cloud is thick enough. Largely dry but dull afternoon with short-lived bright spells and perhaps the odd shower. Chance of a more organised band of showery rain arriving from the west during the evening, but this is low confidence.

Maximum wind: Southwest 10-20mph.

Chance of cloud-free hill tops above 600m: 50% early morning, increasing to 90% or more.

Low cloud and visibility: Areas of low cloud are expected to lie across the Peaks Wednesday morning with bases of 400-500m, perhaps lower in any drizzly outbreaks. Cloud then lifting clear of summits although remaining rather dull. Visibility poor or very poor in early drizzle, becoming very good.

Temperature: **Valleys:** Plus 13 Celsius, becoming Plus 22 Celsius.
At 600m: Plus 11 Celsius, rising to Plus 18 Celsius.
Freezing level: Well above summits.

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